

State of Alaska  
Department of Fish and Game  
Nomination for Waters  
Important to Anadromous Fish

trib 3

AWC Volume SE SC SW W AR IN USGS Quad CORDOVA - C6

Anadromous Water Catalog Number of Waterway 228-30-18560-2007-3009

Name of Waterway \_\_\_\_\_ USGS name \_\_\_\_\_ Local name \_\_\_\_\_

Addition ☒ Deletion \_\_\_\_\_ Correction \_\_\_\_\_ Backup Information \_\_\_\_\_

For Office Use

Nomination # <u>94 202</u>	<u>Jay</u>	<u>11/8/94</u>
Revision Year: <u>94</u>	Regional Supervisor	Date
Revision to: Atlas _____ Catalog _____	<u>Ed Weiss</u>	<u>1/7/94</u>
Both <input checked="" type="checkbox"/>	<u>2. Shone</u>	<u>2/9/94</u>
Revision Code: <u>A-2d</u>	Drafted	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous
Pink Salmon-Adults	08/24/93	20			<input checked="" type="checkbox"/>

**IMPORTANT:** Provide all supporting documentation that this water body is important for the spawning, rearing or migration of anadromous fish, including: number of fish and life stages observed; sampling methods, sampling duration and area sampled; copies of field notes; etc. Attach a copy of a map showing location of mouth and observed upper extent of each species, as well as any other information such as: specific stream reaches observed as spawning or rearing habitat; locations, types, and heights of any barriers; etc.

Comments: 20 pink salmon were visually identified during a foot survey. The tributary has an overall gradient of 2%, gravel/cobble substrate and a high amount of in-stream cover. It terminates in springs surrounding a small (2x3 m) pool. The trib is surrounded by mature timber and emergent vegetation in previously inundated areas. The spawning habitat is very good.

Name of Observer (please print) KATHAN SUNDET  
Date: 10/29/93 Signature: Katharin Sundet  
Address: 333 RASPBERRY  
ANCHORAGE AK 99508

ALASKA DEPT. OF  
FISH & GAME

NOV 03 1993

REGION II  
WATER AND RESTORATION

This certifies that in my best professional judgement and belief the above information is evidence that this waterbody should be included in or deleted from the Catalog of Waters Important for Spawning, Rearing or Migration of Anadromous Fishes per AS 16.05.870.

Signature of Area Biologist: \_\_\_\_\_

Rev. 7/93

218-1048570

## STREAM HABITAT ASSESSMENT 1993 - SEGMENTS

STREAM: HAWKINS-10 SEGMENT: 3-01 DATE: 8/24/93 TEAM: WG/KS  
 ANADROMOUS: 0 n WIDTH (m): 1.5-2.0 LENGTH (m): 30 GPS DATE: 8/24 DIGITIZE: y n  
 WATERBODY: mainstem tributary lake/pond wetland intertidal other: \_\_\_\_\_

FISH					WILDLIFE		
SPECIES	STAGE (A J U)	COUNT	METHOD (E V D)	COMMENTS	SPECIES	COUNT	COMMENTS
<u>trout</u>	<u>A</u>	<u>20</u>	<u>V</u>				

GRADIENT(%): 1 CHANNEL PROFILE: V B C D E F

CHANNEL PATTERN: single multi braided

STREAM SUBSTRATE: (rank three most predominant types) BEDROCK \_\_\_\_\_ BOULDER \_\_\_\_\_ RUBBLE \_\_\_\_\_ COBBLE 2  
 GRAVEL 1 SAND X MUD/SILT \_\_\_\_\_ ORGANICS \_\_\_\_\_ OTHER: \_\_\_\_\_

STREAM COVER TYPE: ORGANIC DEBRIS V DEAD BRANCHES/TWIGS V LOGS V BOULDERS \_\_\_\_\_  
 CUT BANK V OVERHANGING VEGET. V OTHER: \_\_\_\_\_

STREAM COVER ABUNDANCE: none low medium high

RIPARIAN VEGETATION (three most abundant plants in order of dominance) within 20m of the banks:

OVERSTORY: hemlock ferns stink cabbage  
 UNDERSTORY: grass

CANOPY ABOVE STREAM: none low medium high

GROWTH: mature secondary shrubs meadow muskeg intertidal

TOTAL BARRIER? 0 n BARRIER TO SPECIES: ALL adults juveniles

TYPE: fall slide beaverdam logjam spring substrate HEIGHT (m): 0 DIST. FROM UPPER EXTENT (m): 0

PHOTO ROLL(s): <u>KS-06</u>		VIDEO TAPE(s): _____	
FRAME	DESCRIPTION	DATE	DESCRIPTION
<u>2</u>	<u>mid-reach</u>		

Substrate: Bedrock (solid) Boulder >1' Rubble 6-12" Cobble 2-6" Gravel .1-2" Sand <.1"  
 (Please enter comments on the other side)



Handwritten annotations on the map:

- Red text: 228-30-18560 + 63
- Blue text: AQQ STREAM
- Blue text: 228-30-18560-2007-3009
- Blue text: USE SHORT STREAM
- Red line: 300
- Red letter: P
- Blue letter: A
- Blue letter: B
- Blue letter: C
- Blue letter: A

Map features and labels:

- Windy Bay
- Cedar Creek
- Hidden Cove
- Whiskey Cove
- Canoe Passage
- Plancher Rock
- Stoney
- Windy Creek
- Hidden Creek
- Canoe Creek
- Windy Bay
- Windy Creek
- Hidden Creek
- Canoe Creek
- Windy Bay
- Windy Creek
- Hidden Creek
- Canoe Creek

Map grid and coordinates:

- Grid lines: 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100
- Coordinates: 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100

228-30-18560 Tab 3

ADD STREAM

228-30-18560-2007-3009

Use  SHORT STREAM.

# ORCA

(CORDOVA B-6)

146°

● INTERIOR GEOLOGICAL SURVEY, RESTON, VIRGINIA-1988

55' 561000m E

**Microbiology**

6708000m. N.

T 16 S

T 15 S



# MEMORANDUM

## State of Alaska

DEPARTMENT OF FISH & GAME

TO: Ed Weiss  
Habitat Biologist  
Region II  
Habitat and Restoration Division  
Department of Fish and Game

DATE: November 3, 1993

FILE NO.:

TELEPHONE NO.: 267-2295

SUBJECT: Anadromous Stream  
Nominations  
and Corrections  
Project R-51

FROM: Kathrin Sundet  
Habitat Biologist  
Region II  
Habitat and Restoration Division  
Department of Fish and Game

Attached are anadromous stream nominations and corrections to be included in the Anadromous Waters Catalog for 53 streams surveyed in the fall of 1993 on private lands held by the Tatitlek and Eyak Native Corporations in northeast Prince William Sound.

Streams were surveyed by the Alaska Department of Fish and Game, Habitat and Restoration Division personnel, Kathrin Sundet, Jeff Barnhart, Dan Grey, and Wes Ghormley as part of Exxon Valdez Oil Spill Restoration project R-51 aka SHA (Stream Habitat Assessment).

Streams were surveyed on foot from the intertidal zone to the upper extent of anadromous fish distribution. Adult salmon and Dolly Varden were visually identified and enumerated. Juvenile salmon were visually identified in the stream, and then captured by electroshocking, dipnet, or minnow trap to confirm identification. Sampling was conducted periodically along the stream to determine the presence of juvenile salmon. No attempt was made to determine the rearing population sizes of juvenile salmon, or to determine the total escapement of adult salmon in a stream.

Stream data are on file at the Alaska Department of Fish and Game, Habitat and Restoration office, 333 Raspberry Road, Anchorage, Alaska.

There substantial discrepancies among shorelines on the USGS quad sheets, the DNR shoreline, and observed shorelines in this area. In some cases I have attached enlarged plots generated from GPS data and the DNR shoreline to the nomination form in order to illustrate the differences.

Attachments

cc w/o Attachments: Lance Trasky  
Don McKay  
Mark Kuwada